

Appln No. 10/728,791  
Amtd. Dated January 30, 2006  
Response to Office Action of December 21, 2005

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A thermoelastic actuator assembly including:

a heat conductor comprising one or more layers of a metallic heat conductive material to prevent overheating of ink in contact with said actuator, the heat conductor positioned to conduct heat generated by a heating element away from said actuator assembly thereby facilitating the return of the actuator to a quiescent state subsequent to operation; wherein the heating element comprises a heating layer, the heating layer bonded to a passive bend layer and wherein the heat conductor is located within the passive bend layer.

2. - 4. (Cancelled)

5. (Currently Amended) A thermoelastic actuator according to claim 31, where the one or more layers of metallic heat conductive material comprise a laminate of heat conductive material and passive bend layer substrate.

6. (Original) A thermoelastic actuator according to claim 5, wherein the one or more layers of metallic heat conductive material comprise Aluminium.

7. (Currently Amended) An ink jet printer including a thermoelastic assembly according to Claim 31.